

AMENDMENT UNDER 37 C.F.R. § 1.111  
U.S. APPLN. NO. 10/623,865

**AMENDMENTS TO THE SPECIFICATION**

**Page 1, before the first paragraph, insert and center**

**INTERFACE FOR SUPPLYING POWER TO A LOAD FROM AN ELECTRICAL POWER SUPPLY NETWORK**

**Page 2, between the third and fourth paragraphs, insert and center**

**SUMMARY OF THE INVENTION.**

**Page 3, third full paragraph, delete in its entirety, and replace with the following:**

Another subject of the invention is a transportation ~~vehicle~~vehicle or engine including an electrical power supply network and at least one load connected to the electrical power supply network via a power supply interface as defined above.

**Page 3, between the third and fourth paragraphs, insert and center**

**BRIEF DESCRIPTION OF THE DRAWING.**

**Page 3, fourth and fifth paragraphs, insert and center**

**DETAILED DESCRIPTION OF THE INVENTION.**

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**Please delete the present Abstract of the Disclosure, and insert the following new  
Abstract of the Disclosure**

BET 03P0746

**TECHNOFAN**

**Interface for supplying power to a load from an electrical power supply network**

**ABSTRACT OF THE TECHNICAL CONTENT OF THE INVENTION**

**ABSTRACT OF THE DISCLOSURE**

The power supply interface (10) includes a rectification stage (18)-(18), having an autotransformer (40) connected to the a power supply network (12)-(12), and a signal conditioning stage (20) having an output (28) supplying power to the a load (14). The conditioning stage (20) includes a power module (22)-(22), for conditioning the power supply signal signal, and a control module (24) designed to control the power module (22). The An autotransformer (40) includes at least one additional winding (62A, 62B, 62C; 64A, 64B, 64C) connected to the control module (24) to supply it with electrical power, the or each additional winding being magnetically coupled to at least one primary winding (44A, 44B, 44C) of the autotransformer (40). An application is that ef supplying The power is supplied to a motor in an airplane.

One figure.